

ABSTRACT

Aspects of the disclosure relate to optical scanner apparatuses, hard imaging devices, optical scanning methods, and hard imaging scanning methods. In one aspect, an optical scanner apparatus is described. The optical scanner

5 apparatus may include an optical scanning device configured to reflect a received light beam towards a photoconductor, and a beam direction system optically coupled to the optical scanning device. The beam direction system may include a plurality of reflectors, and each reflector may be configured to transmit light of one polarization while reflecting light of another polarization.

10 The reflectors may be individually configured to permit passage of the input light beam and a light beam reflected by the scanning device and to reflect another light beam reflected by the scanning device.